

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 12/27/99A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	2. PHOTOGRAPHS. 37 CFR 1.84(b):	3. TYPE OF PAPER. 37 CFR 1.84(e):	4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	6. VIEWS. 37 CFR 1.84(h):	7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3):	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i):	9. SCALE. 37 CFR 1.84(k):	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i):	11. SHADING. 37 CFR 1.84(m):	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p):	13. LEAD LINES. 37 CFR 1.84(q):	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i):	15. NUMBERING OF VIEWS. 37 CFR 1.84(u):	16. CORRECTIONS. 37 CFR 1.84(w):	17. DESIGN DRAWINGS. 37 CFR 1.152:
<input type="checkbox"/> Black and Color.	<input type="checkbox"/> A full-tone set is required. Fig(s) _____	<input type="checkbox"/> Paper not flexible, strong, white, and durable. Fig(s) _____	<input type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4)	<input type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	<input type="checkbox"/> Partial views. 37 CFR 1.84(h)(2)	<input type="checkbox"/> Hatching not indicated for sectional portions of an object.	<input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____	<input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____	<input type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____	<input type="checkbox"/> Solid black areas pale. Fig(s) _____	<input type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) _____	<input type="checkbox"/> Lead lines cross each other. Fig(s) _____	<input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____	<input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____	<input type="checkbox"/> Corrections not made from prior PTO-948 dated _____	<input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____
<input type="checkbox"/> Color drawings are not acceptable until petition is granted. Fig(s) _____	<input type="checkbox"/> Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____	<input type="checkbox"/> Poor quality (half-tone). Fig(s) _____	<input type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)	<input type="checkbox"/> Margins not acceptable. Fig(s) _____	<input type="checkbox"/> Brackets needed to show figure as one entity. Fig(s) _____	<input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	<input type="checkbox"/> Erasures, alterations, overwritings, interlinings, folds, copy machine marks not accepted. Fig(s) _____	<input type="checkbox"/> Mylar, vellum paper is not acceptable (too thin). Fig(s) _____	<input type="checkbox"/> Faint lines, pale, rough and blurred. Fig(s) _____	<input type="checkbox"/> Figure legends are poor. Fig(s) _____	<input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2)	<input type="checkbox"/> Lead lines missing. Fig(s) _____	<input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____	<input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____	<input type="checkbox"/> Solid black shading not used for color contrast. Fig(s) _____	
<input type="checkbox"/> Pencil and non-black ink not permitted. Fig(s) _____	<input type="checkbox"/> All drawing sheets not the same size. Sheet(s) _____	<input type="checkbox"/> Drawings sheets not an acceptable size. Fig(s) _____	<input type="checkbox"/> All drawing sheets not the same size. Sheet(s) _____	<input type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	<input type="checkbox"/> SIZE: A4 Size	<input type="checkbox"/> SIZE: 8 1/2 x 11	<input type="checkbox"/> Enlarged view not labeled separately or properly. Fig(s) _____	<input type="checkbox"/> Solid black shading not permitted. Fig(s) _____	<input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)	<input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2)	<input type="checkbox"/> Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)	<input type="checkbox"/> Corrections not made from prior PTO-948 dated _____				
<input type="checkbox"/> Margins not acceptable. Fig(s) _____	<input type="checkbox"/> Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____	<input type="checkbox"/> Views not labeled separately or properly. Fig(s) _____	<input type="checkbox"/> Enlarged view not labeled separately or properly. Fig(s) _____	<input type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	<input type="checkbox"/> SIZE: A4 Size	<input type="checkbox"/> Hatching not indicated for sectional portions of an object. Fig(s) _____	<input type="checkbox"/> Enlarged view not labeled separately or properly. Fig(s) _____	<input type="checkbox"/> Solid black shading not used for color contrast. Fig(s) _____	<input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____							

COMMENTS

REVIEWER 7DATE 2/10/00TELEPHONE NO. 308-0011ATTACHMENT TO PAPER NO. 4

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in ABANDONMENT of the Application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Attachment for PTO-948 (Rev. 03/01, or earlier)

6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.